

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

10/09/2003

~~JONES VOLVENTINE, LLC~~ VOLVENTINE FRANCOS, PLLC
 Suite 150
 12200 Sunrise Valley Drive
 Reston, VA 20191

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/963,481	09/27/2001	Kwang-Ho Cha	SEC.838	8862

TITLE OF INVENTION: DEVICE AND METHOD FOR DETECTING THE DRIVE STATE OF A TURBO PUMP IN A ~~TANDETRON~~ ACCELERATOR OF AN ~~ION~~ IMPLANTATION DEVICE **TANDETRON**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	01/09/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LUU, THANH X	2878	250-551000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 VOLVENTINE FRANCOS, PLLC

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

SAMSUNG ELECTRONICS CO., LTD.

SUWON-CITY, REPUBLIC OF KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee
☒ Advance Order - # of Copies 5

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number 50-0238 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) _____ (Date) 1/6/2004

Kenneth D. Springer, Reg. No. 39,843

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

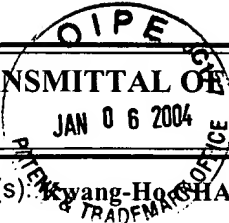
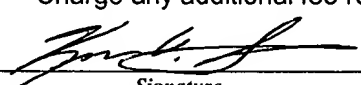
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

01/08/2004 EFL0RES1 00000212 09963481

01 FC:1504
 02 FC:1501
 03 FC:8001

300.00 OP
 1330.00 OP
 15.00 OP

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  </div> <div> TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity) (37 C.F.R. 1.311) </div> </div>				Docket No. SEC.838	
Applicant(s): Kyung-Ho CHA					
Serial No.	Filing Date	Examiner	Group Art Unit	Confirmation No.	
09/963,481	09/27/2001	LUU, Thanh X.	2878	8862	
Invention: DEVICE AND METHOD FOR DETECTING THE DRIVE STATE OF A TURBO PUMP IN A TANDETRON ACCELERATOR OF AN ION IMPLANTATION DEVICE					
<u>Mail Stop Issue Fee</u> TO THE COMMISSIONER FOR PATENTS <u>P.O. Box 1450</u> <u>Alexandria, VA 22313-1450</u>					
Transmitted herewith are the following for the above-identified application.					
<input checked="" type="checkbox"/> Issue Fee Transmittal Form PTOL-85					
<input checked="" type="checkbox"/> Utility Fee: <u>\$ 1330.00</u> <input type="checkbox"/> Design Fee: _____ <input type="checkbox"/> Plant Fee: _____					
<input checked="" type="checkbox"/> Publication Fee: <u>\$ 300.00</u>					
<input checked="" type="checkbox"/> A check in the amount of <u>\$1,645.00</u> is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>50-0238</u> as described below.					
<input type="checkbox"/> Charge the amount of _____					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional fee required.					
 Signature			Dated: 6 January 2004		
KENNETH D. SPRINGER REG. NO.: 39,843					
VOLENTINE FRANCOS, PLLC 12200 SUNRISE VALLEY DRIVE, SUITE 150 RESTON, VA 20191					
TEL. NO.: (703) 715-0870					
CC:					
Certificate of Transmission by Facsimile This certificate may only be used if paying by deposit account.					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. _____) </div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Date _____ </div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Signature _____ </div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Typed or Printed Name of Person Signing Certificate _____ </div> <div style="width: 45%;"></div> </div>					
Certificate of Mailing by First Class Mail					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. </div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Signature of Person Mailing Correspondence _____ </div> <div style="width: 45%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> Typed or Printed Name of Person Mailing Correspondence _____ </div> <div style="width: 45%;"></div> </div>					